| Ref | Hits | Soarch Outon | DBs | Default | Plurals | Time Stamp |
|-----|------|---|---|----------|---------|------------------|
| # | пісь | Search Query | DDS | Operator | Plurais | Time Stamp |
| L1 | 138 | firewall WITH (format\$ translat\$ convert\$) WITH request | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/17 16:24 |
| L2 | 50 | L1 and encrypt\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/07/17 16:24 |
| L3 | 4090 | message WITH specification | USPAT | OR | ON | 2007/07/17 16:28 |
| L4 | 346 | L3 same (valid\$ or authenticat\$ or verif\$) | USPAT | OR | ON | 2007/07/17 16:39 |
| L5 | 1 | "6289461".pn. | USPAT | OR | ON | 2007/07/17 16:45 |
| L6 | 1 | 5 and firewall | USPAT | OR | ON | 2007/07/17 16:39 |
| L9 | 1 | 5 and format\$ | USPAT | OR | ON | 2007/07/17 16:39 |
| L10 | 1 | 5 and (valid\$ or authenticat\$ or verif\$) | USPAT | OR | ON | 2007/07/17 16:39 |
| S1 | 234 | wood near david | USPAT | OR | OFF | 2004/05/26 11:26 |
| S2 | 27 | S1 and request\$ | USPAT | OR | OFF | 2004/05/26 11:27 |
| S3 | 1 | dilger near michael | USPAT | OR | OFF | 2004/05/26 11:28 |
| S4 | 32 | pratt near thomas | USPAT | OR | OFF | 2004/05/26 11:29 |
| S5 | 3 | Norton near Derk | USPAT | OR | OFF | 2004/05/26 11:32 |
| S6 | 183 | request near language | USPAT | OR | ON | 2004/05/26 12:17 |
| S7 | 62 | S6 and (proxy or firewall or gateway) | USPAT | OR | ON | 2004/05/26 12:03 |
| S8 | 8 | response near message near specification | USPAT | OR | ON | 2004/05/26 11:40 |
| S9 | 0 | S6 and S8 | USPAT | OR | ON | 2004/05/26 11:40 |
| S10 | 29 | (proxy or firewall) WITH XML | USPAT | OR | ON | 2004/05/26 12:20 |
| S11 | 7 | S10 same request\$ | USPAT | OR | ON | 2004/05/26 12:03 |
| S12 | 193 | request near specification | USPAT | OR | ON | 2004/05/26 12:17 |
| S13 | 0 | S12 same (mark near up) | USPAT | OR | ON | 2004/05/26 12:18 |
| S14 | 8 | S12 and (mark near up) | USPAT | OR | ON | 2004/05/26 12:18 |
| S15 | 0 | S12 same (mark-up) | USPAT. | OR | ON | 2004/05/26 12:18 |
| S16 | 8 | S12 and (mark-up) | USPAT | OR | ON . | 2004/05/26 12:19 |
| S17 | 171 | XML WITH request | USPAT | OR | ON | 2004/05/26 12:19 |
| S18 | 50 | S17 and (proxy or firewall) | USPAT | OR | ON | 2004/05/26 13:48 |
| S19 | 704 | ICMP | USPAT | OR | ON | 2004/05/26 13:45 |
| S20 | 0 | S19 WITH XML | USPAT | OR | ON | 2004/05/26 13:45 |

| S21 | 0 | S19 same XML | USPAT | OR | ON | 2004/05/26 13:45 | |
|-----|------|---|-------|----|------|------------------|--|
| S22 | 17 | S19 and XML | USPAT | OR | ON | 2004/05/26 13:45 | |
| S23 | 1 | "6442603".pn. | USPAT | OR | ON | 2004/05/26 13:49 | |
| S24 | 1 | S23 and response | USPAT | OR | ON | 2004/05/26 13:50 | |
| S25 | 1 | S23 and proxy | USPAT | OR | ON | 2004/05/26 13:51 | |
| S26 | 0 | S23 and secure | USPAT | OR | ON | 2004/05/26 13:52 | |
| S27 | 0 | S23 and encrypt\$ | USPAT | OR | ON | 2004/05/26 13:51 | |
| S28 | 0 | S23 and secur\$ | USPAT | OR | ON | 2004/05/26 13:54 | |
| S29 | 0 | S23 and firewall | USPAT | OR | ON | 2004/05/26 13:55 | |
| S30 | 336 | encrypt\$ with response with message | USPAT | OR | ON | 2004/05/26 13:56 | |
| S31 | 449 | encrypt\$ with request with message | USPAT | OR | ON | 2004/05/26 13:56 | |
| S32 | 95 | S30 same S31 | USPAT | OR | ON | 2004/05/26 13:55 | |
| S33 | 0 | S32 same advantag\$ | USPAT | OR | ON | 2004/05/26 13:56 | |
| S34 | 19 | S32 and firewall | USPAT | OR | ON | 2004/05/26 13:56 | |
| S35 | . 36 | encrypt\$ near response near message | USPAT | OR | ON | 2004/05/26 13:59 | |
| S36 | 24 | encrypt\$ near request near message | USPAT | OR | ON | 2004/05/26 13:57 | |
| S37 | 4 | S35 same S36 | USPAT | OR | ON | 2004/05/26 13:57 | |
| S38 | 5 | S35 and S36 | USPAT | OR | ON | 2004/05/26 13:57 | |
| S39 | 148 | encrypt\$ WITH (response near message) | USPAT | OR | ON | 2004/05/26 13:59 | |
| S40 | 176 | encrypt\$ WITH (request near message) | USPAT | OR | ON | 2004/05/26 13:59 | |
| S41 | 28 | S39 same S40 | USPAT | OR | ON | 2004/05/26 14:04 | |
| S42 | 5 | S41 and firewall . | USPAT | OR | ON | 2004/05/26 14:48 | |
| S43 | 145 | advantag\$ WITH firewall | USPAT | OR | ON | 2004/05/26 14:04 | |
| S44 | 129 | XML WITH message | USPAT | OR | ON | 2004/05/26 14:48 | |
| S45 | 23 | S44 and firewall | USPAT | OR | ON | 2004/05/26 14:48 | |
| S46 | 15 | wood-david.in. | USPAT | OR | OFF | 2004/05/26 11:12 | |
| S47 | 0 | dilger-michael.in. | USPAT | OR | OFF | 2004/05/26 11:28 | |
| S48 | 0 | pratt-thomas.in. | USPAT | OR | OFF | 2004/05/26 11:29 | |
| S49 | 0 | Norton-Derk.in. | USPAT | OR | OFF | 2004/05/26 11:30 | |
| S50 | 430 | 713/201.cor. | USPAT | OR | OFF | 2003/01/22 10:15 | |
| S51 | 6 | 713/201.cor. and XML | USPAT | OR | OFF | 2007/02/02 15:42 | |
| S52 | 6 | (validate WITH request WITH message) and firewall | UȘPAT | OR | ON | 2003/03/12 12:30 | |
| S53 | 16 | "data broker" | USPAT | OR | ON - | 2003/03/12 12:26 | |

| | | | r | _ | | · · · · · · · · · · · · · · · · · · · |
|-----|-------|---|-------|------|-------------|---------------------------------------|
| S54 | 0 | "data broker" and firewall | USPAT | OR | ON | 2003/03/12 12:27 |
| S55 | 10 | "data broker" and security | USPAT | OR | ON | 2003/03/12 12:27 |
| S56 | 14106 | (predefined or predetermine or predetermined) WITH message | USPAT | OR | ON | 2003/03/12 12:31 |
| S57 | . 62 | ((predefined or predetermine or predetermined) WITH message) same (valid\$ WITH request) | USPAT | OR | ON | 2003/04/16 08:44 |
| S58 | 1157 | message near5 specification | USPAT | OR | ON | 2003/03/12 12:36 |
| S59 | 56 | (message near5 specification) and firewall | USPAT | OR | ON | 2003/03/12 12:38 |
| S60 | 90 | XML and firewall | USPAT | OR | ON | 2003/03/12 12:39 |
| S61 | 14934 | proxy or gateway or firewall | USPAT | OR | ON | 2003/03/12 12:40 |
| S62 | 1073 | (proxy or gateway or firewall) same (predefine or predefined or predetermine or predetermined) | USPAT | OR | ON | 2003/03/12 12:40 |
| S63 | 0 | ((proxy or gateway or firewall) same (predefine or predefined or predetermine or predetermined)) same (validat\$ near request) | USPAT | OR . | ON | 2003/03/12 12:41 |
| S64 | 11 | ((proxy or gateway or firewall) same (predefine or predefined or predetermine or predetermined)) same validat\$ | USPAT | OR | ON | 2003/03/12 14:51 |
| S65 | 14313 | (predetermined or predefined) near5 (message or request) | USPAT | OR | ON | 2003/03/12 14:51 |
| S66 | 210 | ((predetermined or predefined) near5 (message or request)) same encrypt\$ | USPAT | OR | ON | 2003/03/12 14:54 |
| S67 | 37 | (((predetermined or predefined) near5 (message or request)) same encrypt\$) and (proxy OR gateway OR firewall OR barrier) | USPAT | OR | ON | 2003/03/12 15:00 |
| S68 | 41512 | request same response | USPAT | OR | ON | 2003/03/12 15:01 |
| S69 | 26491 | (request same response) and network | USPAT | OR | ON | 2003/03/12 15:01 |
| S70 | 5589 | (request same response) and (firewall OR gateway OR proxy) | USPAT | OR | ON | 2003/03/12 15:02 |
| S71 | 5113 | request same response same predetermined | USPAT | OR | ON | 2003/03/12 15:01 |
| S72 | 522 | (request same response same predetermined) and (firewall OR gateway OR proxy) | USPAT | OR | ON | 2003/03/12 15:17 |
| S73 | 849 | DTP | USPAT | OR | ON | 2003/03/12 15:17 |
| S74 | 698 | DTD | USPAT | OR | ON | 2003/03/12 15:18 |

| S76 | | | | | | | |
|--|-----|------|------------------------------|---------------------------------|-----------|-----|------------------|
| S77 90 (XML and firewall) AND pd<="19990721" USPAT OR ON 2003/03/12 S78 90 XML and firewall USPAT OR ON 2003/03/12 S79 23 CAE near specifications USPAT OR ON 2003/03/12 S80 2 (secure with broker).ti. EPO; DERWENT OR ON 2003/03/18 S81 0 pct/us00/19534.pct. EPO; DERWENT OR ON 2003/03/18 S82 0 pct/us00/19534.ptan. USPAT, EPO; JPO; DERWENT; EPO; JPO; DERWENT; IBM_TDB OR ON 2003/03/18 S84 0 pct/us00/19534.pct. USP-GPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB OR ON 2003/03/18 S85 0 secure near data near broker USP-GPUB; USPAT OR ON 2003/03/18 S86 0 (secure near broker).ti. USPAT OR ON 2003/03/18 S87 0 (data near broker).ti. USPAT OR ON 2003/03/18 <t< td=""><td>S75</td><td>40</td><td>DTD same (data near type)</td><td>USPAT</td><td>OR</td><td>ON</td><td>2003/03/12 15:43</td></t<> | S75 | 40 | DTD same (data near type) | USPAT | OR | ON | 2003/03/12 15:43 |
| pd<="1990721" | S76 | 675 | XML | USPAT | OR | ON | 2003/03/12 15:43 |
| S79 | S77 | 90 | | USPAT | OR | ON | 2003/03/12 15:44 |
| S80 2 (secure with broker).ti. EPO; DERWENT OR ON 2003/03/18 DERWENT OR DERWENT; EPO; DERWENT; EPO | S78 | 90 | XML and firewall | USPAT | OR | ON | 2003/03/12 15:47 |
| S81 | S79 | 23 | CAE near specifications | USPAT | OR | ON | 2003/03/12 15:47 |
| S82 0 pct/us00/19534.ptan. EPO; DERWENT OR ON 2003/03/18 DERWENT OR DERWENT OR DERWENT OR DERWENT US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB OR US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB OR US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB OR ON 2003/03/18 OR US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB OR ON 2003/03/18 OR USPAT OR ON | S80 | 2 | (secure with broker).ti. | , | OR | ON | 2003/03/18 16:28 |
| DERWENT US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB USPAT OR ON 2003/03/18 USPA | S81 | 0 | pct/us00/19534.pct. | | OR | ON | 2003/03/18 16:29 |
| USPAT; EPO; JPO; DERWENT; IBM_TDB | S82 | 0 | pct/us00/19534.ptan. | | OR | ON | 2003/03/18 16:29 |
| USPAT; EPO; JPO; DERWENT; IBM_TDB | S83 | 0 | pct/us00/19534.ptan. | USPAT; EPO; JPO; DERWENT; | OR | ON | 2003/03/18 16:29 |
| S86 0 (secure near broker).ti. USPAT OR ON 2003/03/18 S87 0 (data near broker).ti. USPAT OR ON 2003/03/18 S88 959 713/201.ccls. USPAT OR ON 2003/03/18 S89 514 713/201.ccls. and (predefin\$ or predetermin\$) USPAT OR ON 2003/03/18 S90 7196 request near message USPAT OR ON 2003/03/18 S91 8 (predefined or predetermined) near request near message USPAT OR ON 2003/03/18 S92 5733 firewall or proxy USPAT OR ON 2003/03/18 S93 6 (firewall or proxy) same (challenge near response) USPAT OR ON 2003/03/18 S94 24 (format WITH message WITH language) and firewall USPAT OR ON 2003/03/18 S95 3 (format WITH message WITH language) same advantage USPAT OR ON 2003/03/18 | S84 | 0 | pct/us00/19534.pct. | USPAT; EPO; JPO; DERWENT; | OR | ON | 2003/03/18 16:31 |
| S87 0 (data near broker).ti. USPAT OR ON 2003/03/18 S88 959 713/201.ccls. USPAT OR ON 2003/03/18 S89 514 713/201.ccls. and (predefin\$ or predetermin\$ or predetermin\$) USPAT OR ON 2003/03/18 S90 7196 request near message USPAT OR ON 2003/03/18 S91 8 (predefined or predetermined) near request near message USPAT OR ON 2003/03/18 S92 5733 firewall or proxy USPAT OR ON 2003/03/18 S93 6 (firewall or proxy) same (challenge near response) USPAT OR ON 2003/03/18 S94 24 (format WITH message WITH language) and firewall USPAT OR ON 2003/03/18 S95 3 (format WITH message WITH language) same advantage USPAT OR ON 2003/03/18 S96 43 XML same advantage USPAT OR ON 2003/03/18 <td>S85</td> <td>0</td> <td>secure near data near broker</td> <td>USPAT</td> <td>OR</td> <td>ON</td> <td>2003/03/18 16:32</td> | S85 | 0 | secure near data near broker | USPAT | OR | ON | 2003/03/18 16:32 |
| S88 959 713/201.ccls. USPAT OR ON 2003/03/18 S89 514 713/201.ccls. and (predefin\$ or predetermin\$) USPAT OR ON 2003/03/18 S90 7196 request near message USPAT OR ON 2003/03/18 S91 8 (predefined or predetermined) near request near message USPAT OR ON 2003/03/18 S92 5733 firewall or proxy USPAT OR ON 2003/03/18 S93 6 (firewall or proxy) same (challenge near response) USPAT OR ON 2003/03/18 S94 24 (format WITH message WITH language) and firewall USPAT OR ON 2003/03/18 S95 3 (format WITH message WITH language) same advantage USPAT OR ON 2003/03/18 S96 43 XML same advantage USPAT OR ON 2003/03/18 S97 18 XML WITH advantage USPAT OR ON 2003/03/18 | S86 | 0 | (secure near broker).ti. | USPAT | OR | ON | 2003/03/18 16:32 |
| S89 514 713/201.ccls. and (predefin\$ or predetermin\$) USPAT OR ON 2003/03/18 S90 7196 request near message USPAT OR ON 2003/03/18 S91 8 (predefined or predetermined) near request near message USPAT OR ON 2003/03/18 S92 5733 firewall or proxy USPAT OR ON 2003/03/18 S93 6 (firewall or proxy) same (challenge near response) USPAT OR ON 2003/03/18 S94 24 (format WITH message WITH language) and firewall USPAT OR ON 2003/03/18 S95 3 (format WITH message WITH language) same advantage USPAT OR ON 2003/03/18 S96 43 XML same advantage USPAT OR ON 2003/03/18 S97 18 XML WITH advantage USPAT OR OFF 2003/03/18 S98 1 "5878419".PN. USPAT OR OFF 2003/03/18 | S87 | 0 | (data near broker).ti. | USPAT | OR | ON | 2003/03/18 16:34 |
| predetermin\$) S90 | S88 | 959 | 713/201.ccls. | USPAT | OR | ON | 2003/03/18 16:34 |
| S91 8 (predefined or predetermined) near request near message USPAT OR ON 2003/03/18 S92 5733 firewall or proxy USPAT OR ON 2003/03/18 S93 6 (firewall or proxy) same (challenge near response) USPAT OR ON 2003/03/18 S94 24 (format WITH message WITH language) and firewall USPAT OR ON 2003/03/18 S95 3 (format WITH message WITH language) same advantage USPAT OR ON 2003/03/18 S96 43 XML same advantage USPAT OR ON 2003/03/18 S97 18 XML WITH advantage USPAT OR ON 2003/03/18 S98 1 "5878419".PN. USPAT OR OFF 2003/03/18 | S89 | 514 | | USPAT | OR | ON | 2003/03/18 16:35 |
| Second | S90 | 7196 | request near message | USPAT | OR | ON | 2003/03/18 16:44 |
| S93 6 (firewall or proxy) same (challenge near response) USPAT OR ON 2003/03/18 in the second of the seco | S91 | 8 | , ,, | USPAT | OR | ON | 2003/03/18 16:45 |
| S94 24 (format WITH message WITH language) and firewall USPAT OR ON 2003/03/18 : | S92 | 5733 | firewall or proxy | USPAT | OR | ON | 2003/03/18 16:45 |
| S95 3 (format WITH message WITH language) same advantage USPAT OR ON 2003/03/18 : S96 43 XML same advantage USPAT OR ON 2003/03/18 : S97 18 XML WITH advantage USPAT OR ON 2003/03/18 : S98 1 "5878419".PN. USPAT OR OFF 2003/03/18 : S98 OFF 2003/03/18 : S98 OFF COMBANDA OR OR OR OR OR OR OR O | S93 | 6 | | USPAT | OR | ON | 2003/03/18 17:10 |
| S96 | S94 | 24 | | USPAT | QR | ON | 2003/03/18 17:43 |
| S97 18 XML WITH advantage USPAT OR ON 2003/03/18 : S98 1 "5878419".PN. USPAT OR OFF 2003/03/18 : | S95 | 3 | | USPAT | OR | ON | 2003/03/18 17:47 |
| S98 1 "5878419".PN. USPAT OR OFF 2003/03/18 | S96 | 43 | XML same advantage | USPAT | OR | ON | 2003/03/18 18:08 |
| | S97 | 18 | XML WITH advantage | USPAT | OR | ON | 2003/03/18 17:47 |
| | S98 | 1 | "5878419".PN. | USPAT | OR | OFF | 2003/03/18 17:47 |
| S99 275 structured near language USPAT OR ON 2003/03/18 | S99 | 275 | structured near language | USPAT | OR | ON | 2003/03/18 17:49 |

| 11 | (structured near language) same advantage | USPAT | OR | ON | 2003/03/19 09:36 |
|-----|--|---|---|--|--|
| 224 | format WITH message WITH language | USPAT | OR | ON | 2003/03/18 18:05 |
| 684 | XML | USPAT . | OR | ON | 2003/03/18 18:09 |
| 16 | XML AND @pd <= "19990721" | USPAT | OR | ON | 2003/03/18 18:16 |
| 1 | "5805803".pn. | USPAT | OR | ON | 2003/03/18 18:16 |
| 1. | "5805803".pn. and encrypt\$ | USPAT | OR | ON | 2003/03/19 09:13 |
| 215 | message near specification | USPAT | OR | ON | 2003/03/19 09:14 |
| 98 | message near specification AND @pd <= "19990720" | USPAT | OR | ON | 2003/03/19 09:14 |
| 39 | data near broker | USPAT | OR | ON | 2003/03/19 09:53 |
| 16 | data adj broker | USPAT | OR | ON | 2003/03/19 09:37 |
| 1 | "5276899".PN. | USPAT | OR . | OFF | 2003/03/19 09:38 |
| 1 | "5530939".PN. | USPAT | OR | OFF | 2003/03/19 09:39 |
| 1 | "5341477".pn. | USPAT | OR | ON | 2003/03/19 09:53 |
| 1 | "5341477".pn. and advantage | USPAT | OR . | ON | 2003/03/19 10:15 |
| . 1 | "5341477".pn. and (advantage same broker) | USPAT | OR | ON | 2003/03/19 10:16 |
| 9 | (data near broker) and (firewall or proxy) | USPAT | OR | ON | 2003/03/19 10:19 |
| 40 | broker same (validate or authenticate) | USPAT | OR | ON | 2003/03/19 10:22 |
| 16 | broker WITH (validate or authenticate) | USPAT | OR | ON | 2003/03/19 10:23 |
| 1 | "5815665".pn. | USPAT | OR | ON | 2003/03/19 10:24 |
| 1 | "5815665".pn. and advantage | USPAT | OR | ON | 2003/03/19 11:55 |
| 1 | "5815665".pn. and advantage and (validate or authenticate) | USPAT | OR | ON | 2003/03/19 12:27 |
| 9 | (data near type near definition) WITH DTD | USPAT | OR | ON | 2003/03/21 12:40 |
| | 224 684 16 1 1 215 98 39 16 1 1 1 1 1 9 40 16 1 | advantage format WITH message WITH language XML XML AND @pd <= "19990721" "5805803".pn. "5805803".pn. and encrypt\$ message near specification message near specification AND @pd <= "19990720" data near broker data adj broker "5276899".PN. "5530939".PN. "5341477".pn. and advantage "5341477".pn. and (advantage same broker) (data near broker) and (firewall or proxy) broker same (validate or authenticate) broker WITH (validate or authenticate) "5815665".pn. and advantage (data near type near definition) | advantage format WITH message WITH language 684 XML USPAT 16 XML AND @pd <= "19990721" USPAT 1 "5805803".pn. USPAT 1 "5805803".pn. and encrypt\$ USPAT 215 message near specification USPAT 98 message near specification AND @pd <= "19990720" 39 data near broker USPAT 1 "5276899".PN. USPAT 1 "5530939".PN. USPAT 1 "5341477".pn. USPAT 1 "5341477".pn. and advantage USPAT 1 "5341477".pn. and (firewall or proxy) 40 broker same (validate or authenticate) 1 "5815665".pn. and advantage uSPAT 1 "5815665".pn. and advantage and (validate or authenticate) 9 (data near type near definition) USPAT | advantage format WITH message WITH language 884 XML | advantage format WITH message WITH language 884 XML |

| S12 2 | 10 | broker near code | USPAT | OR | ON | 2003/03/21 12:55 | | |
|----------|-----|---|-------|----|-----|------------------|--|--|
| S12 3 | 3 | (broker near code) and pars\$ | USPAT | OR | ON | 2003/03/21 15:00 | | |
| S12 4 | 0 | (broker near code) and (pars\$ near code) | USPAT | OR | ON | 2003/03/21 12:55 | | |
| S12 5 | 1 | "5815665".pn. | USPAT | OR | ÖN | 2003/03/21 13:23 | | |
| S12 6 | 1 | "5815665".pn. and code | USPAT | OR | ON | 2003/03/21 13:23 | | |
| S12 7 | 1 | "5815665".pn. and program | USPAT | OR | ON | 2003/03/21 13:23 | | |
| S12 8 | 1 | "5815665".pn. and software | USPAT | OR | ON | 2003/03/21 13:23 | | |
| S12 9 | 180 | firewall same advantage | USPAT | OR | ON | 2003/03/21 15:01 | | |
| S13 0 | 116 | (firewall same advantage) and network | USPAT | OR | ON | 2003/03/21 15:02 | | |
| S13 | 810 | 709/229.ccls. | USPAT | OR | ON | 2003/04/08 10:31 | | |
| S13 2 | 212 | 709/229.cor. | USPAT | OR | ON | 2003/04/08 12:00 | | |
| S13 3 | 0 | "360790".pn. | USPAT | OR | ON | 2003/04/08 11:07 | | |
| S13 | 126 | 709/230.cor. | USPAT | OR | ON | 2003/04/08 12:00 | | |
| S13 5 | 180 | (data near type) near definitions | USPAT | OR | ON | 2003/04/16 10:39 | | |
| S13 | 1 | "6216121".PN. | USPAT | OR | OFF | 2003/04/16 08:46 | | |
| S13 7 | 1 | "6208986".PN. | USPAT | OR | OFF | 2003/04/16 08:46 | | |
| S13 8 | 1 | "6125391".PN. | USPAT | OR | OFF | 2003/04/16 08:47 | | |
| S13 9 | 1 | "6112242".PN. | USPAT | OR | OFF | 2003/04/16 08:47 | | |
| S14 0 | 1 | "6108673".PN. | USPAT | OR | OFF | 2003/04/16 08:48 | | |
| S14 1 | 1 | "5835712".PN. | USPAT | OR | OFF | 2003/04/16 08:48 | | |
| S14 2 | 1 | "5742845".PN. | USPAT | OR | OFF | 2003/04/16 08:49 | | |
| S14 3 | 1 | "6012098".PN. | USPAT | OR | OFF | 2003/04/16 08:50 | | |

| | | y | | | | , |
|----------|------|--|-------|----|----|------------------|
| S14 4 | 6 | pars\$ same ((data near type) near definitions) | USPAT | OR | ON | 2003/04/16 11:33 |
| S14 5 | 1 | "5835726".pn. | USPAT | OR | ON | 2003/04/16 10:56 |
| S14 6 | 0 | "5835726".pn. and (secur\$ near protocol) | USPAT | OR | ON | 2003/04/16 10:57 |
| S14 | 1 | "5835726".pn. and protocol | USPAT | OR | ON | 2003/04/16 11:04 |
| S14 8 | 0 | "5835726".pn. and (parse or parsing or parsed) | USPAT | OR | ON | 2003/04/16 11:08 |
| S14 9 | 1 | "5835726".pn. and alert | USPAŢ | OR | ON | 2003/04/16 11:08 |
| S15 0 | 364 | secure near protocol | USPAT | OR | ON | 2003/04/16 11:33 |
| S15 | 11 | (secure near protocol) same advantage | USPAT | OR | ON | 2003/04/16 12:40 |
| S15 2 | 1 | "5835726".pn. and secure | USPAT | OR | ON | 2003/04/16 12:48 |
| S15 3 | 1409 | secure near channel | USPAT | OR | ON | 2003/04/16 12:49 |
| S15 4 | 2 | ((secure near channel) same advantage) and firewall | USPAT | OR | ON | 2003/04/16 12:59 |
| S15 5 | 32 | (secure near channel) same advantage | USPAT | OR | ON | 2003/04/16 13:01 |
| S15 6 | 1 | "5602918".pn. | USPAT | OR | ON | 2003/04/16 13:01 |
| S15 7 | 1 | "5602918".pn. and channel | USPAT | OR | ON | 2003/04/16 13:01 |
| S15 8 | 2158 | request WITH specification | USPAT | OR | ON | 2003/11/14 14:26 |
| S15 9 | 89 | (request WITH specification) and firewall | USPAT | OR | ON | 2003/11/14 14:24 |
| S16 0 | 65 | (check\$ or validat\$ or authentic\$) WITH request WITH specification | USPAT | OR | ON | 2003/11/14 14:24 |
| S16 1 | 5 | ((check\$ or validat\$ or authentic\$) WITH request WITH specification) and firewall | USPAT | OR | ON | 2003/11/14 15:01 |
| S16 2 | 170 | request near specification | USPAT | OR | ON | 2003/11/14 14:26 |
| S16 3 | 5 | (request near specification) and firewall | USPAT | OR | ON | 2003/11/14 14:26 |
| S16 4 | . 1 | "6094657".pn. | USPAT | OR | ON | 2003/11/14 15:01 |

| S16 5 | 1 | "6094657".pn. and specification | USPAT | OR | ON | 2003/11/14 15:10 | |
|----------|------|--|-------|----|------|------------------|--|
| S16 | 1 | "6094657".pn. and response | USPAT | OR | ON | 2003/11/14 15:19 | |
| S16 7 | 1 | "6094657".pn. and firewall | USPAT | OR | ON | 2003/11/14 15:20 | |
| S16 8 | 233 | xml WITH message | USPAT | OR | ON | 2005/03/03 16:45 | |
| S16 | . 0 | S168 same firewall | USPAT | OR | ON | 2005/03/03 16:45 | |
| S17 0 | 39 | S168 and firewall | USPAT | OR | ON | 2005/03/03 17:02 | |
| S17 | 1 | "6442603".pn. | USPAT | OR | ON | 2005/03/03 16:47 | |
| S17 2 | 0 | S171 and firewall | USPAT | OR | ON | 2005/03/03 16:48 | |
| S17 3 | 0 | S171 and (firewall or gateway or intermediary) | USPAT | OR | ON | 2005/03/03 16:48 | |
| S17 4 | 21 | S168 WITH (valid\$ or authenticat\$) | USPAT | OR | ON | 2005/03/03 17:02 | |
| S17 | 2 | S174 and firewall | USPAT | OR | ON | 2005/03/03 17:02 | |
| S17 | 1 | "6466971".pn. | USPAT | OR | ON | 2005/03/04 09:59 | |
| S17 | 1 | S176 and access\$ | USPAT | OR | ON | 2005/03/04 10:00 | |
| S17 8 | 1 | S176 and format\$ | USPAT | OR | ON | 2005/03/04 10:41 | |
| S17 9 | 1 | S176 and translat\$ | USPAT | OR | ON | 2005/03/04 10:50 | |
| S18 0 | 1 | S176 and dtd | USPAT | OR | ON | 2005/03/04 11:30 | |
| S18 | 1 | S176 and valid\$ | USPAT | OR | ON | 2005/03/04 11:30 | |
| S18 2 | 1 | "6,466,971".pn. | USPAT | OR | ON | 2005/09/26 10:12 | |
| S18 3 | 1 | S182 and request\$ | USPAT | OR | ON . | 2005/09/26 10:14 | |
| S18 4 | 1 | S182 and (request\$ with xml) | USPAT | OR | ON . | 2005/09/26 10:16 | |
| S18 5 | 1 | S182 and (response or respond\$) | USPAT | OR | ON | 2005/09/26 10:16 | |
| S18 6 | 3338 | message WITH specification | USPAT | OR | ON | 2006/03/27 18:02 | |

| S18 7 | 92 | S186 WITH (valid\$ or authenticat\$ or verif\$) | USPAT | OR | ON | 2006/03/27 18:02 |
|----------|-------|--|---|----|------|------------------|
| S18 8 | 0 | S187 and firwall | USPAT | OR | ON | 2006/03/27 17:50 |
| S18 9 | 3 | S187 and firewall | USPAT | OR | ON | 2006/03/27 17:52 |
| S19 0 | 264 | S186 same (valid\$ or authenticat\$ or verif\$) | USPAT | OR | ON | 2006/03/27 17:52 |
| S19 | 44 | S190 and firewall | USPAT | OR | ON | 2006/03/27 18:03 |
| S19 2 | 23038 | message WITH (specification structure format) | USPAT | OR | ON | 2006/03/27 18:02 |
| S19 3 | 893 | S192 WITH (valid\$ or authenticat\$ or verif\$) | USPAT | OR | ON . | 2006/03/27 18:06 |
| S19 4 | 41 | S193 and firewall | USPAT | OR | ON | 2006/03/27 18:08 |
| S19 5 | 72 | S192 WITH (valid\$ or authenticat\$ or verif\$) WITH response | USPAT | OR | ON | 2006/03/27 18:06 |
| S19 6 | 146 | S192 WITH (valid\$ or authenticat\$ or verif\$) WITH request\$ | USPAT | OR | ON | 2006/03/27 18:06 |
| S19 7 | 22 | S195 and S196 | USPAT | OR | ON | 2006/03/27 18:06 |
| S19 8 | 37 | S194 and response and request\$ | USPAT | OR | ON | 2006/03/27 18:13 |
| S19 9 | 1 | "6115744".pn. and valid\$ | USPAT | OR | ON | 2006/03/27 18:13 |
| S20 0 | 123 | firewall WITH (format\$ translat\$ convert\$) WITH request | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/02 14:37 |
| S20 1 | 40 | S200 and encrypt\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/02 14:37 |
| S20 2 | 1 | "6289461".pn. | USPAT | OR | OFF | 2007/02/02 15:43 |
| S20 3 | 1 | S202 and format\$ | USPAT | OR | OFF | 2007/02/02 15:43 |